

**SMITH HOPEN**  
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INTELLECTUAL PROPERTY LAW

To:	U.S. Patent & Trademark Office	From:	Molly L. Sauter
Attn:	Mary C. Jacob - Art Unit 2123	Client:	1372.55.PRC
Fax:	(571) 273-8300	Pages:	17 including coversheet
Phone:	(571) 272-6249	Date:	May 29, 2007
Re:	USSN 10/605,628	CC:	University of South Florida (Assignee)

☐ Urgent    ☒ For Review    ☐ Please Comment    ☐ Please Reply    ☐ Please Recycle

Dear Examiner Jacob:

In response to the final office action mailed March 26, 2007, we enclose the following:

- 1) Amendment Transmittal with Certificate of Facsimile Transmission under 37 CFR 1.8(a) dated May 29, 2007-(2 pages); and
- 2) Amendment AF with Certificate of Facsimile Transmission under 37 CFR 1.8(a) dated May 29, 2007 - (14 pages).

Very respectfully,

Molly Sauter  
USPTO Reg. No. 46,457

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MAY 29 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/605,628 Confirmation No.: 2627  
Applicants: : Jiang Liu  
: Terje Borge Svensen  
: Lawrence P. Dunleavy  
Filed: : 10/15/2003  
Art Unit : 2123  
Examiner : Mary C. Jacob  
  
Docket No. : 1372.55.PRC  
Customer No. : 21,901  
For : System and Method for Characterizing and Simulating  
a Frequency Translation Device

Transmitted to Central Fax at (571) 273-8300  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicants are independent inventors.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

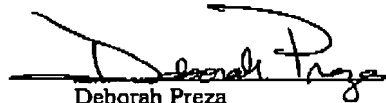
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**CERTIFICATE OF FACSIMILE TRANSMISSION**

(37 C.F.R. 1.8 (a))

I HEREBY CERTIFY that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office, Art Unit 2627, Attn: Mary C. Jacob, (571) 273-8300, on May 29, 2007.

Dated: May 29, 2007

  
Deborah Preza

(Amendment Transmittal—page 1)

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MAY 29 2007

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col.1)		(Col. 2)	(Col. 3)	SMALL ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee
Total	35	Minus	37	= 0	x \$25 =	\$0
Indep.	4	Minus	4	= 0	x \$100 =	\$0
First Presentation of Multiple Dependent Claim					+ \$180 =	\$0
					Total Addit. Fee	\$0

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
  - \*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 1) is less than 20, enter "20".
  - \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 2) is less than 3, enter "3".
- The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

No additional fee for claims is required.

Very respectfully,



SIGNATURE OF PRACTITIONER

Reg. No. 46,457  
Tel. No.: (813) 925-8505

Molly L. Sauter  
Smith & Hopen, P.A.  
180 Pine Avenue North  
Oldsmar, Florida 34677  
Agent for Applicants

(Amendment Transmittal—page 2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Dear Sir or Madam:

In response to the Final Examiner's Action mailed on March 26, 2007, having a shortened statutory time for response that is set to expire June 26, 2007, the above-identified patent application is amended a second time as follows. Applicant has elected to present the amendment using the revised amendment format set forth in the waiver of 37 CFR 1.121.

AMENDMENT AF

(37 C.F.R. § 1.111)

**Remarks regarding the Information Disclosure Statement.**

**Amendments to the specification begin on page 2 of this paper.**

**Amendments to the claims begin on page 3 of this paper.**

**Remarks begin on page 10 of this paper.**

IN THE INFORMATION DISCLOSURE STATEMENT:

The date for the Terrovitis reference, "Noise and Distortion Analysis of Active CMOS Mixers; Qualifying Examination Proposal", is May, 1999.